### Cyprus Thompson Creek

Post Office Box 62 Clayton, Idaho 83227 Telephone (208) 838-2200

August 15, 1986

Ms. Dolores White U.S. E.P.A. Region X 1200 Seattle Avenue Seattle, WA 98101

Reference: Cyprus Thompson Creek Mining Company

Permit # ID 002540-2

Subject: Turbidity Readings - Thompson Creek

Dear Ms. White:

Please attach the enclosed July turbidity readings to the July NPDES data recently mailed to you.

Sincerely,

Barbara S. Metz

Environmental Technician

BSM:rk/d

Enclosure

cc: W. Scarburgh

RECEIVED AUGZO 1986

IDAHO OPERATIONS OFFICE

# JULY 1986 TURBIDITY

# CYPRUS THOMPSON CREEK

	<u>TC 1</u>	TC 2	<u>TC 3</u>	TC 4		
7/3	0.65	0.69	0.87	1.1		
7/17	0.71	0.72	0.85	1.6		

#### Cyprus Thompson Creek

Post Office Box 62 Clayton, Idaho 83227 Telephone (208) 838-2200

August 14, 1986

Chief, Water Compliance Section EPA, Region X, Mail Stop 513 1200 Sixth Avenue Seattle, Washington 98101

Reference: Cyprus Thompson Creek Mining Company

Permit #ID-002540-2

Subject:

NPDES Discharge Monitoring Report

Dear Sir or Madam:

Enclosed are the discharge monitoring reports for source points 001 and 002 on the Cyprus Thompson Creek Project for the month of July 1986.

If you have any questions, please advise.

Very truly yours,

A. R. Jacobs General Manager

ARJ:rk/d

Enclosures

e: Idaho Dept. of Health & Welfare, Boise Office

File: P-12-e

Attachment A
Permit #ID-002540-2
August 14, 1986

Subject: Report of Additional Minitoring under NPDES

Permit ID 002540-2

Several pH exceedances reported this summer prompted some additional monitoring of pH in Buckskin Creek. Elevated pH readings during the summer months have been attributed to carbon dioxide reduction in the settling pond and weir due to algae blooms. Normal pH levels were recorded above and below the sediment dam and discharge point 001.

#### Buckskin pH Profile 7-11-86 (in order downstream of dump)

Creek below Buckskin dump	8.57
Right culvert below dump	8.26
Piezometer shed (creek)	8.23
Top pond	8.13
Stream below pond	8.69
Entrance to dam	9.90
Outflow of dam	9.50
Weir (discharge point 001)	9.35
Pond below weir	8.19

Discharge point 001 became dry July 30, 1986, however, a pH was taken in the sediment dam.

BSM:rk/d

File P-12-e

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